

Project Narrative

This document will be uploaded to a Case Fact Sheet on the City's web site.

Date:	Project No.: PA
Coordinator: Tim Curtis	Case No.:
Project Name: East End Electrical Substation	
Project Location: 17490 North 91st Street Pa	rcel # 217-12-006E
Property Details:	
☐ Single-Family Residentail ☐ Multi-Family	Residential 🗵 Commercial 🔲 Industrial
Current Zoning: i-1 PCD	Proposed Zoning: Same
Number of Buildings: None	Parcel Size: 3.64 acres
Gross Floor Area/Total Units: NA	Floor Area Ratio/Density: NA
Parking Required: NA	Parking Provided: NA
Setbacks: N - 100 ft+ S - 50 ft	E - 50 ft + W - 50 ft +
Description of Request: This is for an APS Electrical Distribution Substation. The substation converts 69 KV electrical to 12 KV. The electrical equipment will be surrounded by a ten foot tall CMU wall with Stucco finish. The stucco finish will match the DC Ranch Development walls in color an texture. Two driveways off of a temporary road supplied by DC Ranch will allow access from the East. The two gates will be solid steel panels painted to match the DC Ranch theme. The proposed landscape plan is designed to revegetate the site to match the natural character of the surrounding area and DC Ranch Community. All of the proposed plants for the substation are on the Arizona Department of Water Resource's (ADWR) Phoenix Active Management Area Low Water-Use Plant List. Landscape details for trees, shrubs, and groundcovers are provided. All Landscape areas will be supported by a fully automatic irrigation system. The irrigation plans will show locations of pressure lines, controller, controller valves, gate valves, sleeving, etc.	

Planning and Development Services Department 7447 E Indian School Road, Suite 105, Scottsdale, AZ 85251 • Phone: 480-312-7000 • Fax: 480-312-7088 For the
APS
East End Substation
17490 N. 91st Street
Scottsdale, AZ

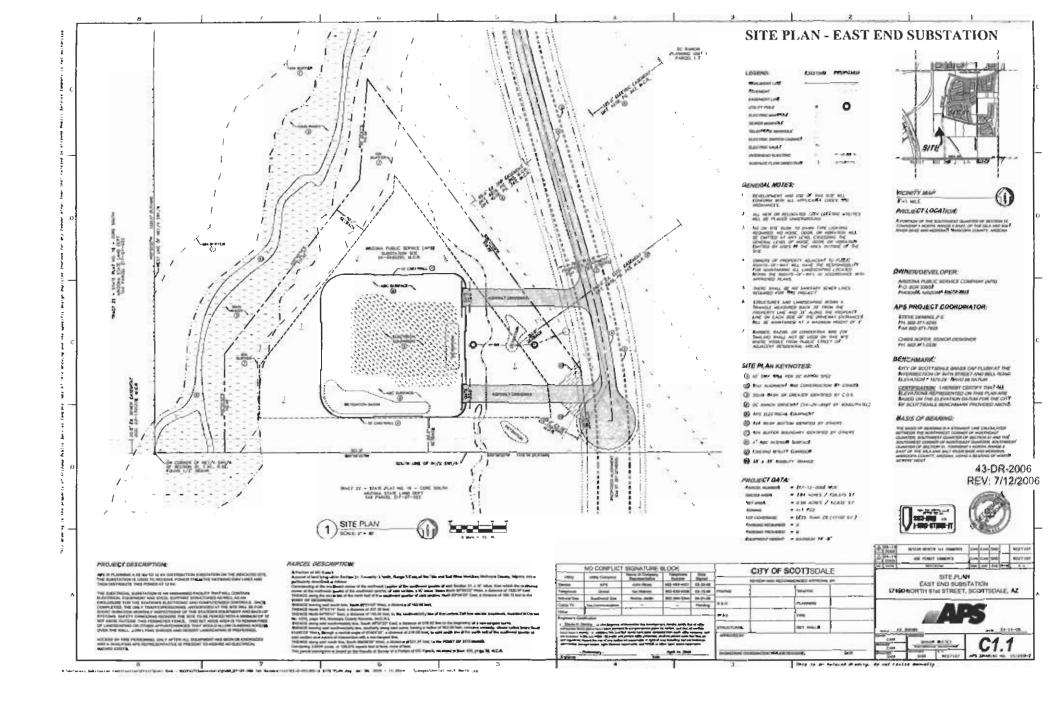
Zoning-I- l Parcel Size-3.64 Acres No Buildings are planned Setbacks are a minimum of 50' on all sides No Parking is planned or required

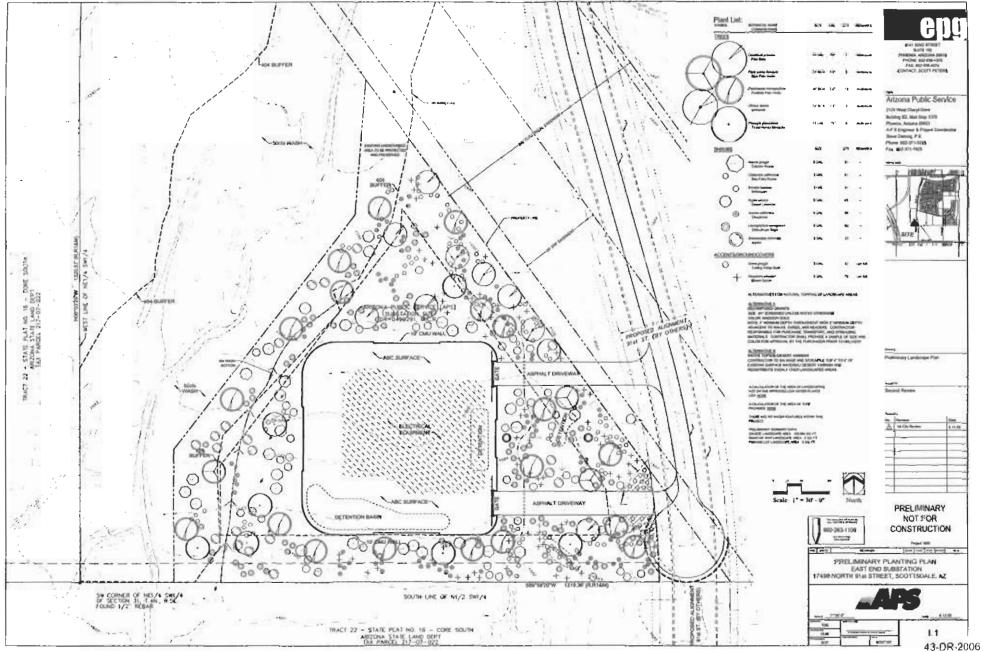
APS is planning a 69 KV to 12 KV Distribution Substation on the indicated site. The substation is used to receive power from the incoming 69 KV lines and then distribute this power at 12 KV to the surrounding areas. The electrical substation is an unmanned facility that will contain electrical equipment and steel support structures as well as an enclosure for the station's electronic and computerized controls. Once completed, the only traffic/personnel anticipated at the site will be for monthly inspection of the station's equipment and back-up systems.

Safety concerns require the site to be walled in with a minimum of 10' horizontal set aside outside this perimeter wall. This set aside area will have low-lying shrubs and desert landscaping is preferred. The remaining area of the site will be landscaped in accordance with City of Scottsdale requirements. APS safety and security standards require a 10-foot high wall. APS will use architectural wall details for color and texture. We are proposing the use of DC Ranch wall details that meld the proposed development to that development to the North and East of our site.

There will be access by fire personnel only after all equipment has been deenergized and a qualified APS representative is present. This Procedure may be worked further with the governing Fire Department. The Site is designed to contain all potential oil leaks without flow outside the perimeter walls.

The current site is vacant and is being used as a plant salvage Nursery for the DC Ranch Development. The surrounding area is undeveloped. DC Ranch is providing an access road from Palo Brea Bend South along the planned 91st Street Alignment. The site is adjacent to the existing Overhead Extra High Voltage Power corridor. The overall storm water drainage is part of the DC Ranch drainage plan. Onsite storm water will be detained as required. The substation has no occupied buildings and the 100 year storm level is not a concern for operation.





REV: 7/12/2006

2 SOUTH ELEVATION



WEST ELEVATION



4 NORTH ELEVATION

43-DR-2006 REV: 7/12/2006 GENERAL HOTES.

1 MALL TO BE COMPRISED OF EMPFIRE STANDARD CM II.

F GENERAL PAINT SCHEME: STUDGO WILL BE A TWO-COAT APPLICATION WITH A MINIMUM THOORIES OF SIFT WALL FAINT TO BE DURW-IEDWINDS OF ANNOTHERIONAL ADRIPCAT GATE COLOR TO BE PLISTICATED

3. SANDSCAPNO SHOWN IS PRESENTATIVE

GRADE AS REQUIRED AT POOT OF WALL SO THAT THE EXTERIOR MASCHIEF WALL HEIGHT IS A MINISULE OF 10-97

5. WARNING BIOMS TO BE MOUNTED ON THE ENTRANCE GATES AND SHACKD XLONG THE EXTERIOR WALL AT A MAXIMUM DISTANCE OF SC FER BURSCATION STANDARD MITOL BIONG TO BE 9-5" ABOVE PINISH DIVADE.

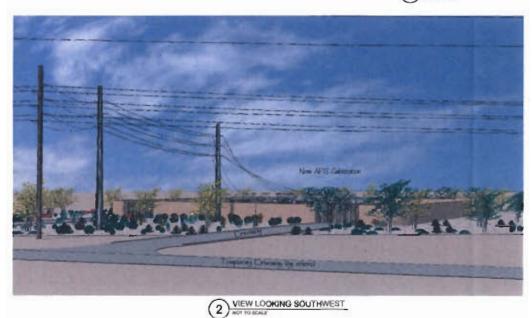
B. BLABSTATION NAME SIGN TO BE CENTERED ON AN ENTRANCE CATE, AS SHOWN, AND 5-0" ABOVE FINERY GRADE.



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1) VIEW LOOKING NORTHWEST







3 SITE MAP WITH VIEWPOINTS

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